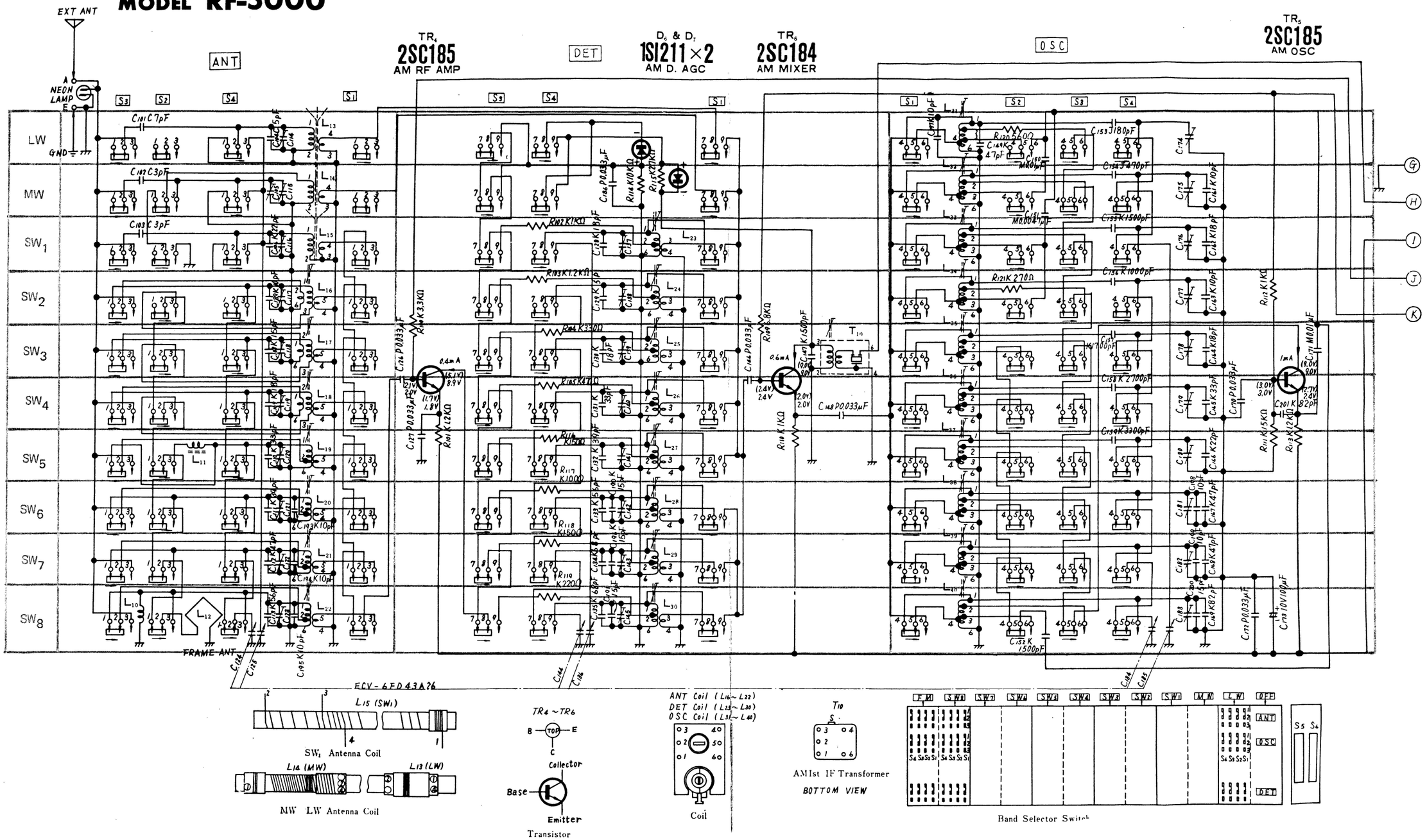
PANASONIC RF 5000

MODEL

SERVICE MANUAL

MODEL RF-5000



NATIONAL PANASONIC RADIO

L12 FRAME ANTENNA

L15 SW. ANTENNA COIL

L14 MW ANTENNA COIL

L13 LW ANTENNA COIL

DIAL LIGHT

LW
MW
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
FM

(FM) (SW8) (SW7) (SW6) (SW5) (SW4) (SW3) (SW2) (SW1) (MW) (LW)

C105 C114 C104 5P
C106 22P
C116 C115
TRIMMER

DL1 DL2 DL3 DL4

HOLDER

HOLDER

D6
C186 0033
R114 10K

C152 1500P

C108 3P
C107 7P
C103 3P
C150 0047
C151 0047

AM TUNING GANG

C125 C124 C185 C184 C136 C144

L22 L21 L20 L19 L18 L17 L16

C123 C122 C112 47P C144 10P C121 C111 39P C193 10P C120 C110 33P C119 C189 18P C118 C108 15P C117 C189 10P

L10

C113 56P C195 10P

ANT

C160 15P C149 82P C183 C199 10P C168 47P C182 C167 47P C181 C166 22P C180 C158 3300P C165 33P C179 C158 2700P C164 18P C178 C157 1700P C163 10P C177 C156 1000P C162 18P C176 C155 1500P C161 10P C175 C154 470P C177 10P C149 47P C174 C153 180P

OSC

L40 L39 L38 L37 L36 L35 L34 L33 L32 L31

R121 270 R120 560

C135 68P C191 15P C145 C134 68P C196 15P C143 C199 10P C190 15P C153 56P C142 C132 39P C141 C140 C131 33P C130 18P C139 C129 5P C138 C28 18P C137

DET

L30 L29 L28 L27 L26 L25 L24 L23

R119 220 R118 150 R117 100 R116 150 R105 470 R104 330 R103 1.2K R102 1K

SW8 SW7 SW6 SW5 SW4 SW3 SW2 SW1 MW LW

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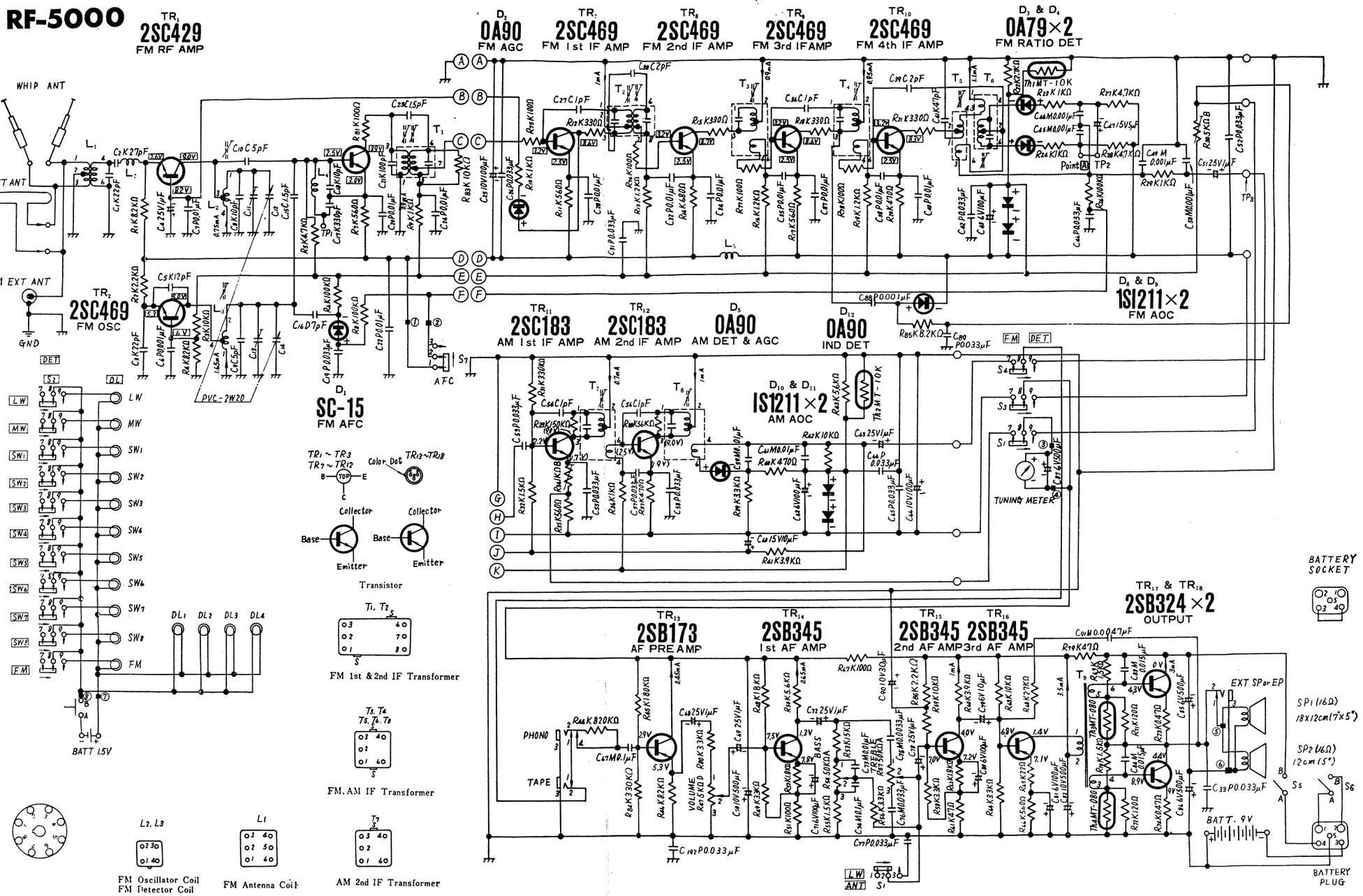
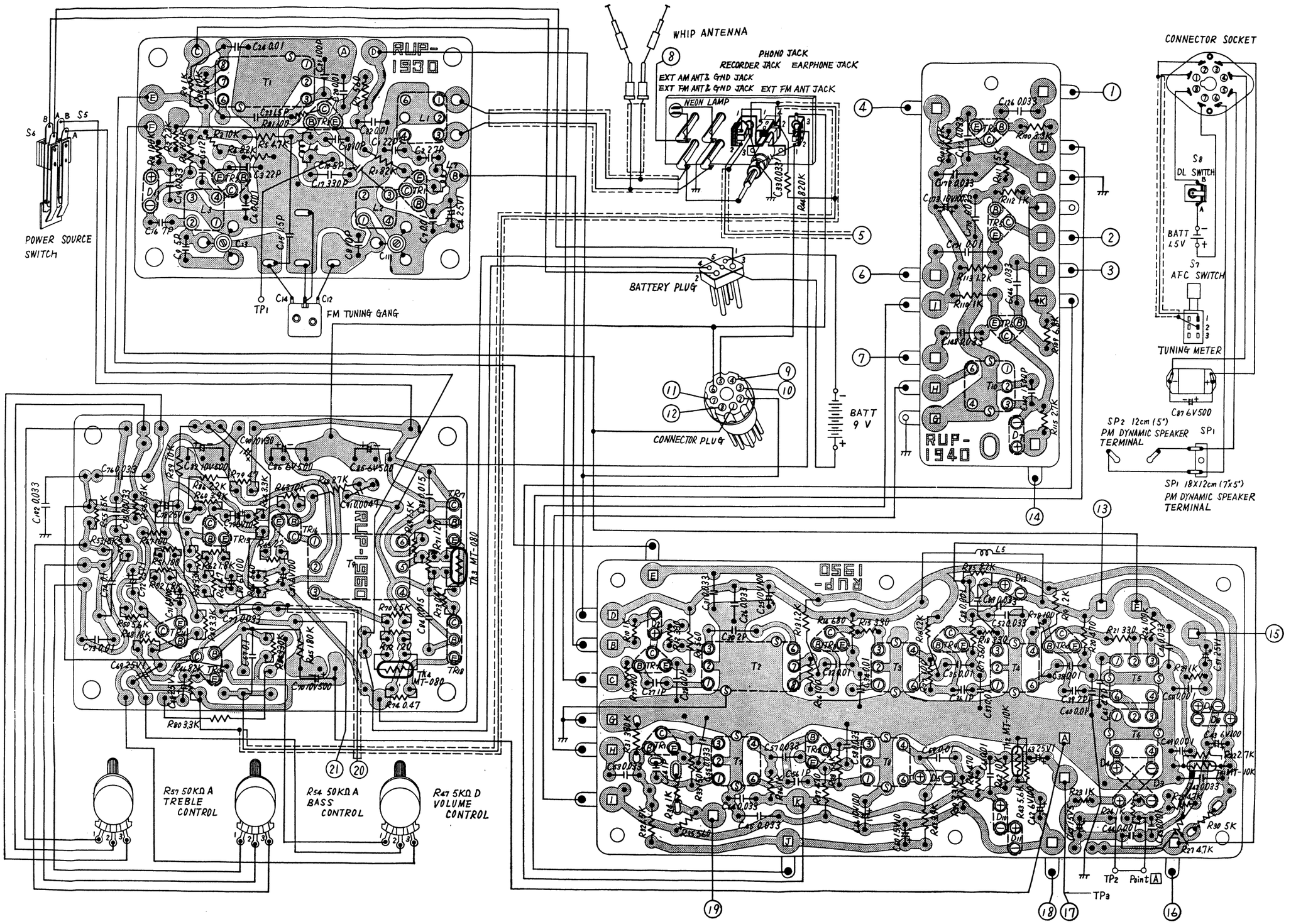


Notes:

1. S1~S4: Band selector switch in "OFF" position.
2. S5, S6: Power source switch in "OFF" position.
3. S7 : AFC switch in "ON" position.
4. S8 : Dial light switch in "OFF" position.
5. DC Voltage measurements are taken with circuit tester 10KΩ/Volt from negative terminal of battery.
   □.....FM position. ( ).....AM position.
6. Capital letters (C, D, J, K, M, P) in the circuit diagram show allowable tolerance of resistors and capacitors as follows:
   C=±0.25PF D=±0.5PF J=±5% K=±10%
   M=±20% P=+100% − 0%
7. Battery current: No signal FM, AM..... 20mA
   Maximum output FM, AM.....250mA
8. PF=pico farad=mmf
   μF=micro farad=MF

NATIONAL PANASONIC RADIO



Notes :

1. All resistor values in ohms (K=1000Ω).
2. All capacitor values in micro farads (P=μμF).
3. S1~S4 : Band selector switch in "OFF" position.
4. S5, S6 : Power source switch in "OFF" position.
5. S7 : AFC switch in "ON" position.
6. S8 : Dial light switch in "OFF" position.